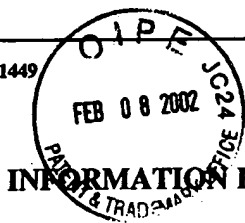


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U.S. DEPARTMENT OF COMMERCE
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INFORMATION DISCLOSURE CITATION

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ATTY. DOCKET NO:

7214.07

APPLICATION NO:

10/042,042

APPLICANT(S):
Charles N. Serhan

FILING DATE:

October 19, 2001

GROUP ART UNIT:

1614

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

AA	Weissmann, G., Smolen, J. E., and Korchak, H. M. (1980) Release of inflammatory mediators from stimulated neutrophils. <i>N. Engl. J. Med.</i> 303, 27-34
AB	Serhan, C. N., Haeggstrom, J. Z., and Leslie, C. C. (1996) Lipid mediator networks in cell signaling: update and impact of cytokines. <i>FASEB J.</i> 10, 1147-1158
AC	Weiss, S. J. (1989) Tissue destruction by neutrophils. <i>N. Engl. J. Med.</i> 320, 365-376
AD	Serhan, C. N. (1994) Lipoxin biosynthesis and its impact in inflammatory and vascular events. <i>Biochim. Biophys. Acta</i> 1212, 1-25
AE	Borgeat, P., and Naccache, P. H. (1990) Biosynthesis and biological activity of leukotriene B ₄ . <i>Clin. Biochem.</i> 23, 459-468
AF	Yokomizo, T., Izumi, T., Chang, K., Takuwa, T., and Shimizu, T. (1997) A G-protein-coupled receptor for leukotriene B ₄ that mediates chemotaxis. <i>Nature</i> 387, 620-624
AG	Fiore, S., Romano, M., Reardon, E. M., and Serhan, C. N. (1993) Induction of functional lipoxin A ₄ receptors in HL-60 cells. <i>Blood</i> 81, 3395-3403
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AI	Chiang, N., Takano, T., Clish, C. B., Petasis, N. A., Tai, H.-H., and Serhan, C. N. (1998) Aspirin-triggered 15-epi-lipoxin A ₄ (ATL) generation by human leukocytes and murine peritonitis exudates: development of a specific 15-epi-LXA ₄ ELISA. <i>J. Pharmacol. Exper. Ther.</i> 287, 779-790
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AK	Takano, T., Fiore, S., Maddox, J. F., Brady, H. R., Petasis, N. A., and Serhan, C. N. (1997) Aspirin-triggered 15-epi-lipoxin A ₄ (LXA ₄) and LXA ₄ Stable analogues are potent inhibitors of acute inflammation: Evidence for anti-inflammatory receptors. <i>J. Exp. Med.</i> 185, 1693-1704
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AN	Vainio, H., and Morgan, G. (1997) Aspirin for the second hundred years: new uses for an old drug. <i>Pharmacol Toxicol</i> 81, 151-152
AO	Herschman, H. R. (1998) Recent progress in the cellular and molecular biology of prostaglandin synthesis. <i>Trends in Cardiovasc. Med.</i> 8, 145-150
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AQ	Billah, M. M., Eckel, S., Mullmann, T. J., Egan, R. W., and Siegel, M. I. (1989) Phosphatidylcholine hydrolysis by phospholipase D determines phosphatidate and diglyceride levels in chemotactic peptide-stimulated human neutrophils. Involvement of phosphatidate phosphohydrolase in signal transduction. <i>J. Biol. Chem.</i> 264, 17069-17077
AR	Wakelam, M. J. O., Martin, A., Hodgkin, M. N., Brown, F., Pettit, T. R., Cross, M. J., De Takats, P. G., and Reynolds, J. L. (1997) Role and regulation of phospholipase D activity in normal and cancer cells. <i>Advances in Enzyme Regulation</i> 37, 29-34
AS	Olson, S. C., and Lambeth, J. D. (1996) Biochemistry and cell biology of phospholipase D in human neutrophils. <i>Chem. Phys. Lipids</i> 80, 3-19
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AU	Martin, A., Saqib, K. M., Hodgkin, M. N., Brown, F. D., Pettit, T. R., Armstrong, S., and Wakelam, M. J. O. (1997) Role and regulation of phospholipase D signalling. <i>Biochem. Soc. Trans.</i> 25, 1157-1160
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AZ	Abousalham, A., Riviere, M., Teissere, M., and Verger, R. (1993) Improved purification and biochemical characterization of phospholipase D from cabbage. <i>Biochim. Biophys. Acta</i> 1158, 1-7
BB	Zhou, H.-L., Chabot-Fletcher, M., Foley, J. J., Sarau, H. M., Tzimas, M. N., Winkler, J. D., and Torphy, T. J. (1993) Association between leukotriene B ₄ -induced phospholipase D activation and degranulation of human neutrophils. <i>Biochem. Pharmacol.</i> 46, 139-148
BC	Rabinowitz, J. L., Baker, D. G., Villanueva, T. G., Asanza, A. P., and Capuzzi, D. M. (1992) Liver lipid profiles of adults taking therapeutic doses of aspirin. <i>Lipids</i> 27, 311-314
BD	Claria, J., and Serhan, C. N. (1995) Aspirin triggers previously undescribed bioactive eicosanoids by human endothelial cell-leukocyte interactions. <i>Proc. Natl. Acad. Sci.</i> 92, 9475-9479
BE	Serhan, C. N. (1997) Lipoxins and Novel Aspirin-Triggered 15-epi-Lipoxins: A Jungle of Cell-Cell Interactions or a Therapeutic Opportunity? <i>Prostaglandins</i> 53, 107-137
BF	Exton, J. H. (1997) New developments in phospholipase D. <i>J. Biol. Chem.</i> 272, 15579-15582
BG	Fensome, A., Whatmore, J., Morgan, C., Jones, D., and Cockcroft, S. (1998) ADP-ribosylation factor and Rho proteins mediate fMLP-dependent activation of phospholipase D in human neutrophils. <i>J. Biol. Chem.</i> 273, 13157-13164
BH	Jarstfer, M. B., Blagg, B. S. J., Rogers, D. H., and Poulter, C. D. (1996) Biosynthesis of squalene. Evidence for a tertiary cyclopropylcarbinyl cationic intermediate in the rearrangement of presqualene diphosphate to squalene. <i>J. Amer. Chem. Soc.</i> 118, 13089-13090
BI	Bach, T. J. (1995) Some new aspects of isoprenoid biosynthesis in plants --a review. <i>Lipids</i> 30, 191-202
Examiner	Date Considered: <u>Dwayne C. Jones</u> <u>June 21, 2002</u>
	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant. #866268v1 < imanage > -101536-39 PTO 1449.wpd

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	APPLICANT Charles N. Serhan	
	FILING DATE October 19, 2001	GROUP ART UNIT 1614

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Inventor Name	Class	Sub-class	Filing Date (if appropriate)
	5,441,951	8/15/1995	Serhan	574	2/3	
	5,648,512	7/15/1997	Serhan	560	9	

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Examiner Initial	Document Number	Date	Country	Class	Sub-class	Translation
	WO 94/29262	12/22/1994	PCT			No
	WO 95/01179	1/12/1995	PCT			No
	WO 00/54767	9/21/2000	PCT			No
						No
						No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	Document Description
	PCT/US00/06669 International Search Report
	Serhan et al., "Aspirin-Triggered 15-EPI-Lipoxin A ₄ and Novel Lipoxin B ₄ Stable Analogs Inhibit Neutrophil-Mediated Changes in Vascular Permeability", <i>Advances in Experimental Medicine and Biology</i> , Vol. 469, 1999, pgs. 287-293
	Gewirtz et al., "Pathogen-Induced Chemokine Secretion from Model Intestinal Epithelium is Inhibited by Lipoxin A ₄ Analogs", <i>Journal of Clinical Investigation</i> , Vol. 101, No. 9, May 1998, pgs. 1860-1869
	Hansson et al., "Activation of Protein Kinase C By Lipoxin A and Other Eicosanoids. Intracellular Action of Oxygenation Products of Arachidonic Acid", <i>Biochemical and Biophysical Research Communications</i> , Vol. 134, No. 3, 1986, pgs. 1215-1222

EXAMINER 	DATE CONSIDERED June 21, 2002
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Rev. 1/22/02